

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4310	microphone same (time adj delay\$4) same distance same sound port, the variable "c" equals approximately "345,000" millimeters per second, and the variable "u" equals $f[wz + d22 - "2" dz w \cos(K: -q\sim)]$ with the variable "d2" being equal to the distance between the first and second input sound ports, with the variable " \sim :" being equal to the angle of an ear reference point adjacent to the receiver and the second input sound port, and with the variable "q]" being equal to the angle of the first input sound port and the second input sound "port."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:37
		((455/63.1or455/67.13or455/295-296or455/570).ccls.)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/22 16:50
		(second adj omnidirectional adj microphone) and processor and delay\$4 and subtract\$4 and	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:33
		((455/63.1 or 455/67.13 or 455/295-296 or 455/570).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:48
L2	8	microphone same (time adj delay\$4) same distance same sound same (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:38
L3	38	microphone same (delay\$4) same distance same sound same (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:41
L4	3	2 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:41
L5	0	1 and 3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:42

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L6	3178	microphone and (delay\$4) and distance and sound and (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:10
L7	12	1 and 6 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:49
L8	122571	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:49
L9	44163	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:49
L10	65	8 and 6 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 16:09
L11	413	9 and 6 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 16:12
L12	169	(second adj microphone\$1) and (delay\$4) and distance and sound and (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:10
L13	173814	(cellular or mobile) adj phone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:11
L14	317185	(cellular or mobile) adj \$4phone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:11
L15	7	9 and 12 and 14 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 16:12

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S1	49	((("6138040") or ("6223154") or ("6223154") or ("5600709") or ("5930725") or ("6122531") or ("20040114772") or ("4525793") or ("5842139") or ("5907823") or ("6118882") or ("6304844") or ("20010036174") or ("20040209658") or ("20050078844") or ("20050239487") or ("4912758") or ("5526408") or ("4945570") or ("20060116779") or ("5459702") or ("5913178") or ("6011853") or ("6163609") or ("6163711") or ("6243594") or ("6449593") or ("6537200") or ("6542436") or ("6570500") or ("6892077") or ("6892081") or ("20010027089") or ("20020001317") or ("20020071581") or ("20030008678") or ("20030090377") or ("20050181821") or ("5991646") or ("5588041") or ("5953674") or ("6002945") or ("6081724") or ("6192126") or ("6097971") or ("5185803") or ("5632001") or ("5790632") or ("5956681") or ("5960367"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/01 16:30
S2	3	((("5,303,307") or ("5,473,701") or ("5,506,908"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/01 16:30
S3	38	("4485484" "4536887" "4653102" "4802227" "4956867" "5267320").PN. OR ("5473701").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 12:26
S4	0	(second adj omnidirectional adj microphone) same processor same (time adj delay) same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:29
S5	0	(second adj omnidirectional adj microphone) same processor same delay same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:35
S6	0	(second adj omnidirectional adj microphone) same delay\$4 same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:30

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S7	3	(second adj omnidirectional adj microphone) same delay\$4 same subtract\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:30
S8	0	(second adj omnidirectional adj microphone) and processor and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:34
S9	0	(second adj omnidirectional adj microphone) and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:34
S10	0	(second adj omnidirectional adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:30
S11	136	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:31
S12	62	(second adj microphone) and processor and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:37
S13	0	(second adj microphone) same processor same delay same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:35
S14	1	(second adj microphone) same delay same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:37
S15	1	(second adj microphone) same delay same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:37
S16	25	S12 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:39
S17	1	("7146013").PN.	USPAT; USOCR	OR	OFF	2007/05/19 14:21
S18	1	"7146013"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 14:21

EAST Search History

S19	14	("4658426" "5208864" "5303307" "5402496" "5442813" "5471538" "5473702" "5675655" "5754665" "5796819" "6061456" "6430295" "6760449" "6999541").PN. OR ("7146013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 14:21
S20	29	("4370523" "4589137" "4741038" "4802227" "4888807" "5033082" "5243661").PN. OR ("5471538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 15:03
S21	1	"7206418"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:03
S22	13	("20020009203" "20020138254" "20030233213" "20040092297" "5353376" "5473684" "5602962" "5610991" "5740256" "5754665" "6430295" "6453285" "6594367").PN. OR ("7206418").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 15:03
S23	19	("5610991").URPN.	USPAT	OR	ON	2007/05/19 15:07
S24	19	("4536887" "4802227" "5012519").PN. OR ("5602962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 15:12
S25	0	(second adj (omnidirectional or unidirectional or non-directional) adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:02
S26	136	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S27	617	((381/92).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S28	44149	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S29	122466	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32

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S30	24	S26 and S27 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:03
S31	2	S26 and S29 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:03
S32	60	S26 and S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:41
S33	0	(second adj (omnidirectional or unidirectional or non-directional) adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 09:23
S34	23	(second adj (omnidirectional or unidirectional or non-directional) adj microphone)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:02
S35	136	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 17:10
S36	0	S35 and S34 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:03
S37	122466	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 17:04
S38	0	S34 and S37 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:04
S39	0	S34 and ((("455"/\$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:18
S40	1923	(second adj microphone)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 17:16
S41	110250	(cellular or mobile) adj phone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/23 16:11

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S42	90	S40 and S41 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:22
S43	42	S40 and S41 and hous\$4 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:29
S44	1	"7190797"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:29
S45	11	("20020194005" "20040052364" "3946168" "4420657" "5504813" "5715321" "6016347" "6490362" "6644614" "6768804" "6819762").PN. OR ("7190797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 17:32
S46	1	("6812954").PN.	USPAT; USOCR	OR	OFF	2007/05/21 17:32
S47	4310	((455/63.1 or 455/67.13 or 455/295-296 or 455/570).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:34
S48	1	delay same \$4speaker\$1 same (impulse adj response) same (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:59
S49	119	delay and \$4speaker\$1 and (impulse adj response) and (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:29
S50	4	S47 and S49 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/22 17:01
S51	119	delay\$4 and \$4speaker\$1 and (impulse adj response) and (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:35

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S52	122571	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 12:01
S53	4	S51 and S52 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 12:01
S54	44163	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 12:01
S55	45	S51 and S54 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 12:01